





A Replication proteins

	D ID NO:51 D ID NO:21 D ID NO:22 D ID NO:23 D ID NO:24
	WREFEFGSWGRRAIAWSKGIRSEQ ID NO:5 WKEYEKASFGRRALIWSKGIRSEQ ID NO:21 WHEYERATRGRRAIEWTRYLRSEQ ID NO:22 WAQYEEALAGRRAIEWTRGIRSEQ ID NO:23 WHEYERATKGRRAIEWTRGIRSEQ ID NO:24
	日
	SRGL SRGL TRYL TRGL TRGL
	AIAW ALTW AIEW AIEW
>	MGRR FGRR RGRR AGRR KGRR
Motif V	EFG
Mo	WREY WREY WAQY WHEY
	2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
H	TAS 277 MOT 366 TOD 289 NOD 353 TOD 289
Motif III	KLTK KVSK YLAK YLTK YLTK
Mot	I GN I GN I H E
	1 229 LAANLTKIAS 1 314 IGNWVSKWOT 2 225 LAEYIAKTOD 3 272 LIEYLTKNOD 2 225 LAEYIAKTOD
H	IVHALLM ISHVLII ITHAIVL ILNILVE ITHAIVL
Motif II	VHVHV VHSH PHIH PHIN
Ā	168 1239 1488 1488 1148
H	MRH 168 QRH 239 ARH 148 ARH 184 ARH 148
Motif :	PETTA PETTA VICTA
Mot	.09 ME 80 ME 62 LV 62 LV
≥ī	CPC CPV CPV CPV
Motif IV	CGKGWICPCC CGSVWACPVC CGRIWLCPVC CGRIWFCPEC
M	73 G 143 G 25 G 25 G 25 G
	. H
	panis pari pijioi povi psnzz
*.	tend hand land hand hand

B Origin of replication

GIGCGAAAACTGGA-CAGCI-GGCIACACIASEQ ID NO:8	GAGGCAAAAGCGAA-CACCTTGGGAAAGAAASEQ ID NO:25	CTGGCAAAAAGGGA-OGCCTAGGTAAAGGTTSEQ ID NO:26	CACCCAAAACTGTCGCGCCTTGGGAAAGAAASEQ ID NO:27	
574	1696	1668	7805	1
DAN12	DTJ101	1.1V.	DSN22	